

# 产 品 规 格 书

## PRODUCT SPECIFICATION

名 称 (NAME): AC Axial Fan

型 号 (MODEL): TG28080HA2BL-C

客户代码 (CUSTOMER CODE): \_\_\_\_\_

版 本 号 (VERSION NUMBER): DO

编 制 (MAKE): 郑 剑

校 对 (EDIT): 付振良

审 核 (CHECKED): 靳 超

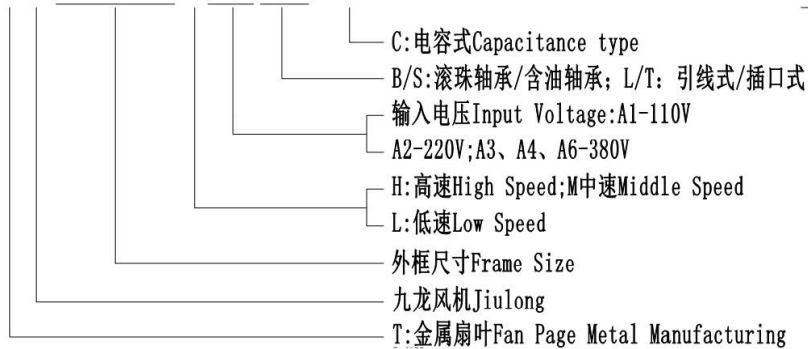
批 准 (APPROVED): 黄安国

客户确认 (CUSTOMER APPROVE): \_\_\_\_\_

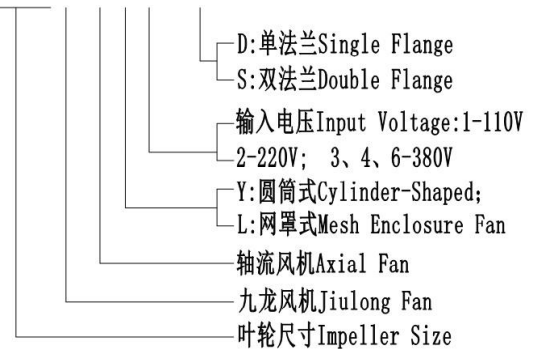
日 期 (DATE): \_\_\_\_\_

宁 波 九 龙 电 讯 电 机 有 限 公 司  
Ningbo Jiulong Telecommunication and Electrical Machinery Co.,Ltd  
中 外 合 资 宁 波 龙 泰 电 讯 电 机 有 限 公 司  
Sino-Foreign Joint Venture Ningbo Longtai Telecommunication and Electrical Machinery  
地址: 浙江省宁波市象山县晓塘九龙江

TG22580HA2BL-C



300FZY2-D



## 1、0 产品标准和安规要求/Requirement of production standard and safety regulations

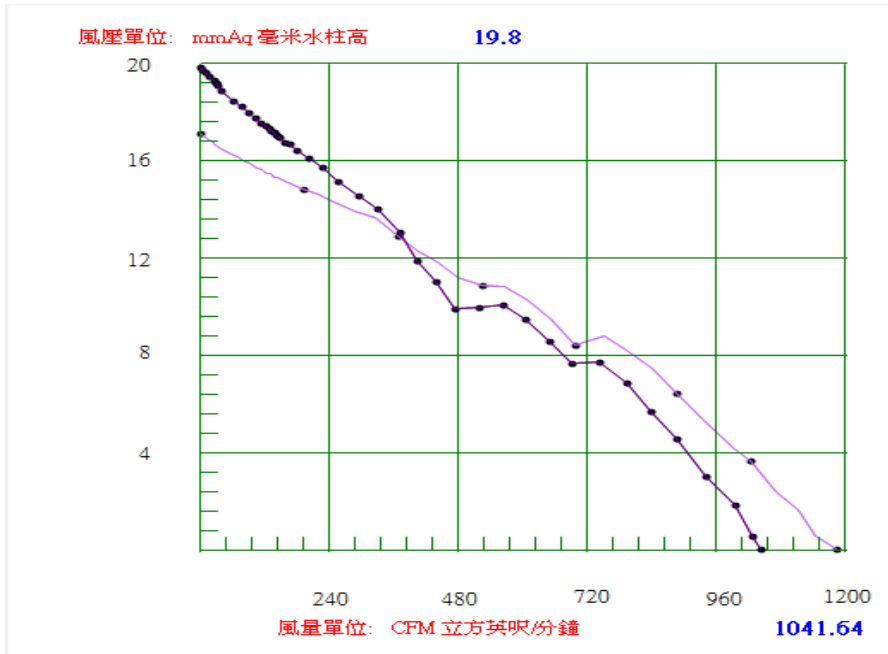
|   |  |   |
|---|--|---|
| 1 | 本产品符合的标准<br>The product satisfy requirements | GB12350 《Safety requirements for small power motors》<br>GB/T13275 《General technical requirements for general purpose centrifugal fans》 |
|   | 2  | 认证certification<br><input checked="" type="checkbox"/> CCC、 <input type="checkbox"/> CE、 <input type="checkbox"/> UL                    |
| 3 | 振动/Vibration of the fan                      | The effective value of fan vibration speed according to JB/T8689  |

## 2.0 一般规格 (电气参数、环境测试) Electric parameter , Environmental testing

| 项目 Item |                                    | 规格/条件 Testing Condition  |              |      |      |
|---------|------------------------------------|--|--------------|------|------|
| 1       | 工作电压 (Operating Voltage)           | Rated Voltage $\pm 10\%$   |              |      |      |
| 2       | 额定电压 (Rated .voltage)/频率           | 220V   | 50Hz         | 60Hz |      |
| 3       | 额定电流 (Rated current)               | Under<br>rated<br>voltage  | $\pm 10\%A$  | 0.58 | 0.63 |
| 4       | 额定功率 (Power consumption)           |  | $\pm 10\%W$  | 126  | 148  |
| 5       | 额定转速 (Rated speed)                 |  | $\pm 7\%RPM$ | 2500 | 2800 |
| 6       | 最大风量: (Max Airflow)                |  | $\pm 5\%CFM$ | 1045 | 1184 |
|         | 最大静压: (Air.Static Pressure)        | $\pm 5\%Pa$  | 198          | 170  |      |
| 7       | 叶片数量: (Leaf number)                | 7P   |              |      |      |
| 8       | 运转方向: (Rotation direction)         | Viewing reverse clock from fan page  |              |      |      |
| 9       | 运转温升: (Operating temperature)      | 标准温升 $\leq 115K$ , 额定电压 (50Hz) 下测试温升: 65 K<br>额定电压 1.1 倍 (50Hz) 测试温升: 82k  |              |      |      |
| 10      | 最大噪音: (Max Noise)                  | 68/70 $\pm 5\%dBa$   |              |      |      |
| 11      | 运转温/湿度范围:<br>Operating Temp .Range | 温度/Temperature: <input checked="" type="checkbox"/> $-10^{\circ}C \sim +65^{\circ}C$ <input type="checkbox"/> $-10^{\circ}C \sim +45^{\circ}C$<br>湿度/Humidity: 0-70%RH |              |      |      |
| 12      | 保存温/湿度范范围<br>Storage Temperature   | 温度/Temperature: $-40^{\circ}C \sim +70^{\circ}C$<br>湿度/Humidity: 0%~85%RH  |              |      |      |
| 13      | 寿命: (Life time)                    | Durability test: continuous running for 50000hrs non-failure (under rated voltage, environment temp.)  |              |      |      |

|    |             |                                   |
|----|-------------|-----------------------------------|
|    |             | 25°C, humidity<70%RH, full speed) |
| 14 | 重量 (weight) | 2.5KG                             |

### 3.0 PQ 曲线



### 4.0: 主要材料/零件规格 ( Main Materials/parts Specification )

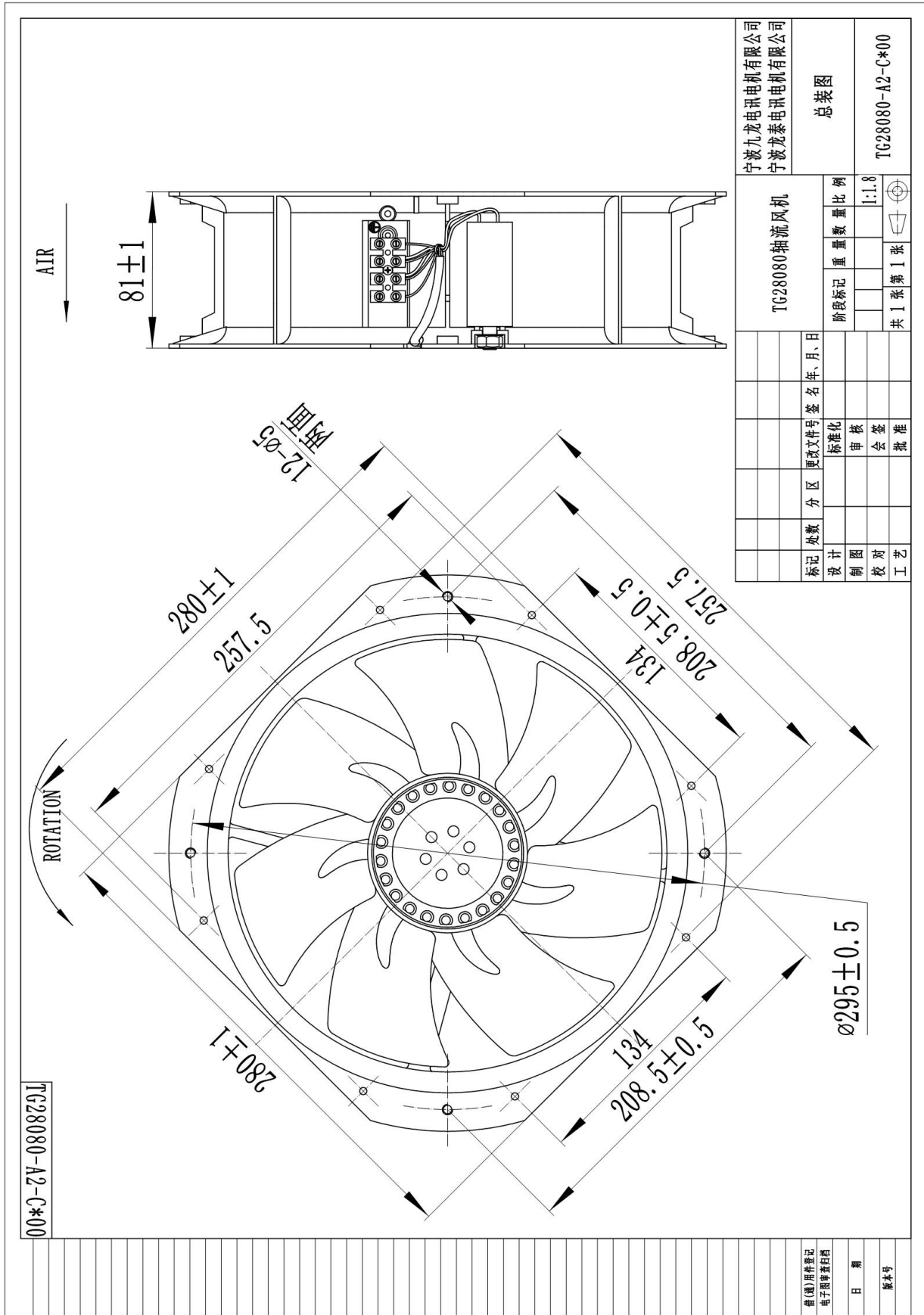
| 材料/零件 ( Materials/parts ) | 规格 (Specification)   |
|---------------------------|--|
| 1 外框 (Housing)            | <input checked="" type="checkbox"/> 金属/Metal、 <input type="checkbox"/> 塑胶制品 (Plastic products) |
| 2 扇叶 (Blade)              | <input checked="" type="checkbox"/> 金属/Metal、 <input type="checkbox"/> 塑胶制品 (Plastic products) |
| 3 轴承 (Bearing Type)       | <input checked="" type="checkbox"/> 滚珠轴承 608ZZ   |
| 4 引出线方式 (Lead way)        | 说明: AWG22#, 端子排外接 Terminal exclusive connection 160±10mm (可选)                                  |
| 5 端子 (Connector)          | 排端 (端子排) Terminal row  |
| 6 电容 (capacitance)        | CBB60-4UF/500V   |
| 7 防护网 (可选项需订单注明)          | <input checked="" type="checkbox"/> 金属/Metal、 <input type="checkbox"/> 塑胶制品 (Plastic products) |
| 8 环保 (ROSH)               | ROSH Approved  |

### 5.0 电性规格 (Electrical Specifically)

|   |                               |  |
|---|-------------------------------|--|
| 1 | 绝缘阻抗<br>Insulation Resistance | 100MΩ /裸线与外框间测量 between bare wire and frame, 500VDC/min<br>100MΩ /between unshackled wire and frame at 500VDC/1min                               |
| 2 | 绝缘耐压<br>Dielectric Strength   | 5mA Max. /导线与外框间测量, between conductor and frame<br><input checked="" type="checkbox"/> 1860VAC/5mA/1S<br><input type="checkbox"/> 2160VAC/5mA/1S |
| 3 | 防护等级<br>INGRESSPROTECTION     | <input checked="" type="checkbox"/> IP44<br><input type="checkbox"/> IP54  |

|   |                          |  |
|---|--------------------------|--|
| 4 | 绝缘等级<br>Insulation Shock | <input checked="" type="checkbox"/> Class F <input type="checkbox"/> Class B                               |
| 5 | 保护类型 Protect type        | <input checked="" type="checkbox"/> 热保护器 150 °C thermal protector <input type="checkbox"/> 阻抗<br>impedance |

## 6.0 外形安装图纸及组件 (Shape and installation drawings)



7.0 注意事项 NOTE

1. 我们提供的产品应在规格书指定的条件内使用，如果您的应用超出规格极限，我们对此不保证产品质量。

Our products should be used within the specification appointed condition, so we will not guarantee this product quality if your application exceeds the limitations outlined in this specification.

2. 除非事先通知我们所需参数，否则出货产品与此份规格书一致，未在此份规格书中指定的参数与贵公司最终承认的样品相同。

Product will be shipped in accordance with this specification unless we has been previously notified of parameters requiring exception, if parameters which are not specified in this specification.

3. 不适当的安装可能产生刺耳的共振，振动和噪音，安装时，请不要在安装点用力过度或用力不均以免造成振动或噪音。在安装点装置减振器，可有效降低噪音及振动。Improper mounting may cause harsh resonance, vibration and noise. Please mount this fan motor properly without applying excessive or uneven force at the mounting points to avoid vibration and noise. Dampers at the mounting points can reduce noise and vibrations greatly.

4. 建议安装风扇保护罩，以免对人员造成意外伤害。

Please use fan guards to avoid personal accidental injuries.

5. 除非 IP 等级中有特殊说明，否则该款风扇只能在正常环境下操作。Unless this fan motor is specified for use in abnormal environments designated by IP rating level, this fan is designed to operate under normal environmental conditions.

6. 请避免将 M-FAN 系列产品接触有毒物质 如：（有机物、氰、福尔马林、苯酚等）。以及在腐蚀性气体环境中使用如：（硫化氢、二氧化硫、二氧化氮等）。Please avoid operating M-FAN's products in poisonous material(organic, cyanogens, formalin, phenol, etc.)or corrosive gas environment(H<sub>2</sub>S, SO<sub>2</sub>, NO<sub>2</sub>, etc.)

7. 当风扇在灰尘环境中使用时，请在风扇进风口处安装过滤装置以延长风扇使用寿命。Please use filters to clean the air-intake in very dusty air environments for extended fan life.

8. 在保证产品性能及寿命不变，或者得以提升的条件下。除非事先约定，我们保留使用同等规格多种来源零件的权利，原材料和结构的变更不做预先通知。Unless prior agreement, We reserve the right to use components with equivalent specifications from multiple sources, so material and construction are subject to change without advance notice.

9. 请确保风扇在规定的温湿度储存环境中，如果风扇存储 6 个月以上，我们建议客户测试风扇功能后再使用。

Always ensure that fans are stored according to the storage temperatures specified. Do not store in a high humidity environment. If the fans are stored for more than 6 months, we recommend functional testing before using.

10. 确定在连接和断开连接器之前关掉电源，避免产生电子零件短路。Make sure to turn off the power before connection or disconnecting the connectors. This may cause short of electronic parts.